

FORM PTO-1390  
(REV 5-93)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING  
A FILING UNDER 35 U.S.C. 371

381NP/50868

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

10/048067

INTERNATIONAL APPLICATION NO.  
PCT/JP99/04060INTERNATIONAL FILING DATE  
28 July 1999

PRIORITY DATE CLAIMED

## TITLE OF INVENTION

METHOD AND APPARATUS FOR CONTROLLING MOTOR-DRIVEN THROTTLE VALVE, AUTOMOBILE, METHOD OF MEASURING TEMPERATURE  
OF MOTOR FOR DRIVING AUTOMOTIVE THROTTLE VALVE, AND METHOD OF MEASURING MOTOR TEMPERATURE

## APPLICANT(S) FOR DO/EO/US

HOSHINO, Masatoshi; MARUMOTO, Katsuji; OOSUGA, Minoru; KAMIMURA, Yasuhiro; and SASAKI, Yasushi

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ has been transmitted by the International Bureau
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) (executed).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Item 11. to 16. Below concern other document(s) or information included:

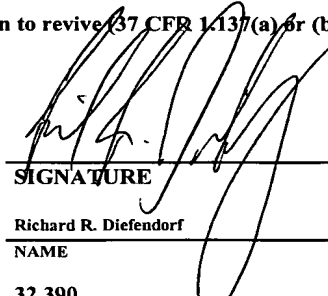
11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A FIRST preliminary amendment.  
☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information:  
Copies of (1) First page of int'l pub. no. WO 01/07768; (2) Request Form, PCT/RO/101 (5 pages); (3) International Search Report; (4) International Preliminary Examination Report; (5) Form PCT/IB/301; and (6) Form PCT/IPEA/401 (5 pages)



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PATENT TRADEMARK OFFICE

Rec'd PCT/PTO 28 JAN 2002

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/048067</b>		INTERNATIONAL APPLICATION NO. PCT/JP99/04060		ATTORNEY'S DOCKET NUMBER <b>381NP/50868</b>			
<b>17. [X] The following fees are submitted:</b>  <b>Basic National Fee (37 CFR 1.492(a)(1)-(5)):</b> Search Report has been prepared by the EPO or JPO <b>\$890.00</b> International preliminary examination fee paid to USPTO (37 CFR 1.482) <b>\$710.00</b>  No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) <b>\$740.00</b> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO <b>\$1040.00</b> International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) <b>\$100.00</b>  <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				<b>CALCULATIONS</b>		<b>PTO USE ONLY</b>	
				<b>\$ 890.00</b>			
Surcharge of \$130.00 for furnishing the oath or declaration later than [ ] 20 [ ] 30 Months from the earliest claimed priority date (37 CFR 1.492(e)).				<b>\$0</b>			
<b>Claims</b>	<b>Number Filed</b>	<b>Number Extra</b>	<b>Rate</b>				
<b>Total Claims</b>	<b>29-20=</b>	<b>9</b>	<b>X \$18.00</b>	<b>\$162.00</b>			
<b>Independent Claims</b>	<b>22-3=</b>	<b>19</b>	<b>X \$84.00</b>	<b>\$1596.00</b>			
<b>Multiple dependent claims(s) (if applicable)</b>			<b>+ \$280.00</b>	<b>\$ 0</b>			
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$2,648.00</b>			
Reduction by 1/4 for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28).				<b>\$ 0</b>			
<b>SUBTOTAL =</b>				<b>\$2,648.00</b>			
Processing fee of \$130.00 for furnishing the English translation later than [ ] 20 [ ] 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				<b>\$ 0</b>			
<b>TOTAL NATIONAL FEE =</b>				<b>\$2,648.00</b>			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				<b>\$40.00</b>			
<b>TOTAL FEE ENCLOSED =</b>				<b>\$2,648.00 and \$40.00</b>			
				<b>Amount to be:</b>			
				<b>refunded \$</b>			
				<b>charged \$</b>			
<b>a. [X] Two checks in the amount of \$ 2,648.00 and \$40.00 to cover the above fees are enclosed.</b>  <b>b. [ ] Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</b>  <b>c. [X] The Commissioner is hereby authorized to charge any additional fees, which may be required, or credit any overpayment to Deposit Account No. 05-1323 (381NP/50868). A duplicate copy of this sheet is enclosed.</b>							
<b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b>							
<b>SEND ALL CORRESPONDENCE TO:</b> <b>CROWELL &amp; MORING, LLP</b> <b>P. O. Box 14300</b> <b>Washington, D.C. 20044</b>  <b>Tel. No. (202) 628-8800</b> <b>Fax No. (202) 628-8844</b>				 <b>SIGNATURE</b>  <b>Richard R. Diefendorf</b> <b>NAME</b>  <b>32,390</b> <b>REGISTRATION NUMBER</b>  <b>January 28, 2002</b> <b>DATE</b>			